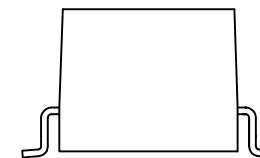
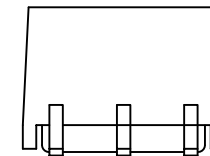
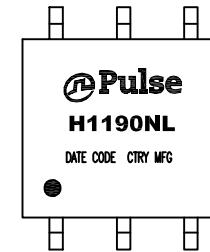


NOTES:

1. ROHS COMPLIANT
2. HEADER: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e H1190NL BECOMES H1190NLT).

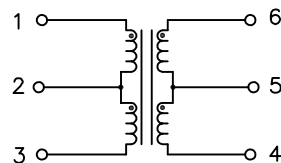


FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFRMS,SIN,100D,1:1,SM,TM	H1190NL-15	PS-2303.002-A	1 OF 3	H1190NL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION



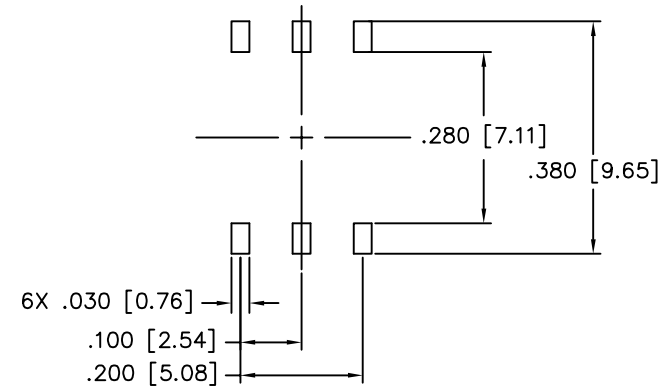
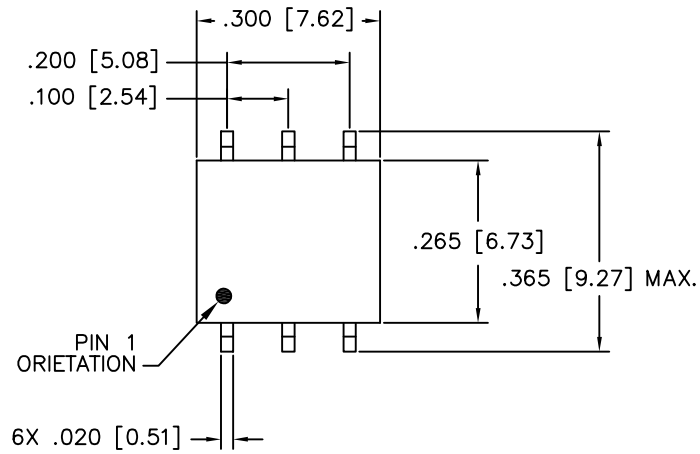
SCHEMATIC

PARAMETER	SPECIFICATIONS
OPERATING TEMP	0°C – 70 °C
POLARITY	PER SCHEMATIC
URNS RATIO	$\frac{(1-2)}{(2-3)} = \frac{(5-4)}{(6-5)} = 1.00 \pm 1\%$
OPEN CIRCUIT INDUCTANCE (OCL)	400 uH MINIMUM (AT 100 KHz, .20 VRMS WITH 8 mA)
DC RESISTANCE	.30 OHMS MAXIMUM
LEAKAGE INDUCTANCE	.25 uH MAXIMUM (AT 1.0 MHz, .20 VRMS)
COUPLING CAPACITANCE	22 pF MAXIMUM (AT 1.0 MHz, .20 VRMS)
BETWEEN CHANNEL ISOLATION	1500 VRMS MIN @ 60 SECONDS

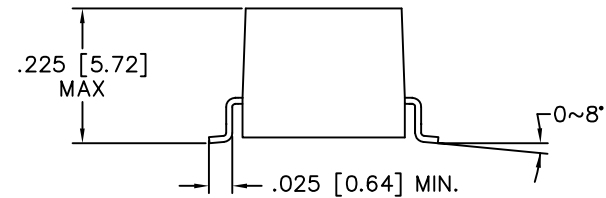
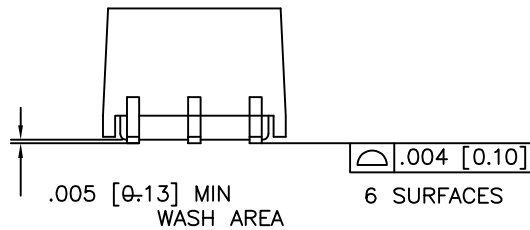
NOTE: f IS FREQUENCY IN MHZ.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFRMS,SIN,100D,1:1,SM,TM	H1190NL-15	PS-2303.002-A	2 OF 3	H1190NL	A



SUGGESTED LAND PATTERN



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING
TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX = ±.02 [±0.5]
.XXX = ±.010 [±0.25]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
XFRMS,SIN,100D,1:1,SM,TM	H1190NL-15	PS-2303.002-A	3 OF 3	H1190NL	A